



CAS Registry Number: 84543-11-3
Type of Compound Code(s): WI3500 VS0100
Molecular Formula: C₂₁H₃₆O₁₀
Molecular Weight: 448.509
Accurate Mass: 448.23085
Percentage Composition: C 56.24%; H 8.09%; O 35.67%
Biological Source: Constit. of grapes (*Vitis vinifera*)

>>Derivative: O-[α-L-Rhamnopyranosyl-(1→6)-β-D-glucopyranoside]

CAS Registry Number: 84534-33-8
Type of Compound Code(s): VS0100 WI3500
Molecular Formula: C₂₂H₃₈O₁₀
Molecular Weight: 462.536
Accurate Mass: 462.2465
Percentage Composition: C 57.13%; H 8.28%; O 34.59%
Biological Source: Constit. of grapes (*Vitis vinifera*)

>>Variant: (±)-form

CAS Registry Number: 22564-99-4
Molecular Formula: C₁₀H₁₈O
Molecular Weight: 154.252
Accurate Mass: 154.135765
Percentage Composition: C 77.87%; H 11.76%; O 10.37%
Boiling Point: Bp 198°
Refractive Index: n_D²⁰ 1.4616

>>Derivative: Formyl
Synonym(s): Linalyl formate. FEMA 2642

CAS Registry Number: 115-99-1
Type of Compound Code(s): WE2000 WI3500
Molecular Formula: C₁₁H₁₈O₂
Molecular Weight: 182.262
Accurate Mass: 182.13068
Percentage Composition: C 72.49%; H 9.95%; O 17.56%
Biological Source: Found in lavender oil. Present in *Prunus* spp., clary, petitgrain, apricot, peach and oil of lime
Use/Importance: Used in perfumery and food flavouring
Boiling Point: Bp 202°. Bp_{0.07} 45-47°
Density: d 0.91
Aldrich: W26420-2

>>Derivative: Ac
Synonym(s): Linalool acetate. Linalyl acetate. FEMA 2636

CAS Registry Number: 115-95-7
Type of Compound Code(s): WI5000 WE4000 WE2000 VS0100
Molecular Formula: C₁₂H₂₀O₂
Molecular Weight: 196.289
Accurate Mass: 196.14633
Percentage Composition: C 73.43%; H 10.27%; O 16.30%
Biological Source: Isol. from numerous plants and essential oils, eg. beramot, clary, sage, lavender, petitgrain, sassafras, neroli, lemon etc.
Physical Description: Persistent sweet acrid taste
Boiling Point: Bp 220°. Bp_{0.2} 44°
Density: d 0.9

Aldrich: W26361-3
Fluka: 45980
Rare Chemicals Library: S43627-5